

**FBS Series**  
**SMD EMI Suppression Ferrite Bead**  
**Size 1206**



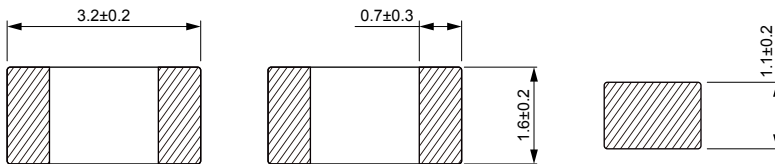
**CHARACTERISTICS**

- Noise countermeasures for general signals, high-speed signals and power line
- Impedance up to 1000Ω
- Up to 6A of rated current
- Quantity: 3000pcs

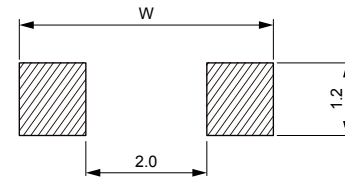
**APPLICATION**

- Data lines and low power lines
- Connection between digital and analog circuit

**Dimensions: [mm]**



**Land Pattern: [mm]**



WIDE BAND / HIGH SPEED: W = 4.2  
 HIGH CURRENT: W = 5.2

**Electrical Properties:**

Part No	Impedance @ 100MHz (Ω)	Tolerance	Temperature Rise Current (mA)	DC Resistance (Ω)
FBSWB1206-310-801R	31	±25%	800	0.100
FBSWB1206-700-501R	70	±25%	500	0.150
FBSWB1206-900-501R	90	±25%	500	0.150
FBSWB1206-221-351R	220	±25%	350	0.200
FBSWB1206-601-501R	600	±25%	500	0.250
FBSWB1206-102-351R	1000	±25%	350	0.350
FBSWB1206-122-201R	1200	±25%	200	0.700
FBSHC1206-190-302R	19	±25%	3000	0.030
FBSHC1206-260-602R	26	±25%	6000	0.006
FBSHC1206-520-302R	52	±25%	3000	0.030
FBSHC1206-800-302R	80	±25%	3000	0.040
FBSHC1206-800-402R	80	±25%	4000	0.020
FBSHC1206-121-302R	120	±25%	3000	0.050
FBSHC1206-301-302R	300	±25%	3000	0.060
FBSHC1206-501-252R	500	±25%	2500	0.070
FBSHC1206-501-302R	500	±25%	3000	0.040
FBSHC1206-601-202R	600	±25%	2000	0.080
FBSHC1206-601-252R	600	±25%	2500	0.070
FBSHC1206-102-102R	1000	±25%	1000	0.300

Operating temperature : -55 °C to +125 °C

Temperature Rise Current: The actual value of DC current when the temperature rise is ΔT=40°C

Typical Electrical Characteristics:

